

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-102198

(43)Date of publication of application : 13.04.1999

(51)Int.Cl. G10L 5/02
G01C 21/00
G06F 3/16
G10L 3/00
H04B 7/26
H04L 12/54
H04L 12/58
H04M 3/42

(21)Application number : 09-277775

(71)Applicant : TOYOTA MOTOR CORP

(22)Date of filing : 09.10.1997

(72)Inventor : ASAOKA TAIZO

MAEDA NAOKI

YAMASHITA MASANOBU

KANEMITSU HIROYUKI

(30)Priority

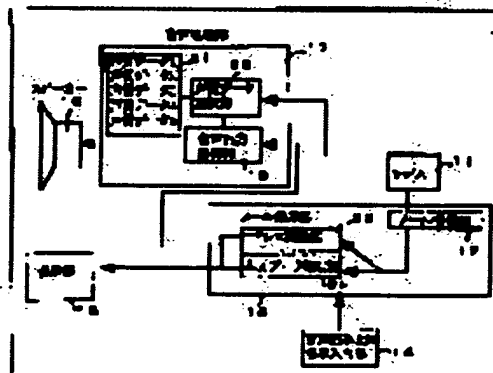
Priority number : 09205615 Priority date : 31.07.1997 Priority country : JP

(54) MESSAGE PROCESSING DEVICE, METHOD OF PROCESSING MESSAGE, AND MEDIUM ON WHICH A MESSAGE PROCESSING PROGRAM IS RECORDED

(57)Abstract:

PROBLEM TO BE SOLVED: To make a message easily distinguishable while an E mail, etc., are being read out with a voice.

SOLUTION: A sender of an E mail received by a mail receiving part 12 is recognized by an address recognition part 22, and an identification sign is given to each sender. The mail data are outputted from a loudspeaker 16 via a voice output control part 19. At this time, the voice quality of outputted voice becomes the



one which is read out of a voice quality data storage part 21 after selected by the speech data selection part 20 according to the identification sign given at the address recognition part 22. Therefore, a different voice quality is allocated to each sender to easily discriminate each sender. Moreover, in case of a navigation guide, it is also possible to easily catch the messages by hearing by differentiating the navigation guide message from the E mail by changing the voice quality of the read-out voice.

LEGAL STATUS

[Date of request for examination] 26.05.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3287281

[Date of registration] 15.03.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection].

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

*** NOTICES ***

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] Message-processing equipment characterized by having a message grouping means to be message-processing equipment which carries out voice reading raising of two or more kinds of messages containing the message sent from the outside, and to distinguish the message for [said] voice reading raising in two or more groups, and the vocal quality control means which switches the tone quality at the time of carrying out voice reading raising for said every group.

[Claim 2] It is message-processing equipment characterized by for said message being an electronic mail message sent from the outside in equipment according to claim 1, and said message grouping means performing grouping based on the addresser of a message who received.

[Claim 3] It is message-processing equipment which has further a vocal quality data storage means to memorize two or more kinds of vocal quality data, in equipment according to claim 2, and is characterized by said vocal quality control means controlling vocal quality by changing the vocal quality data read from a vocal quality data storage means based on an addresser's discernment result.

[Claim 4] Message-processing equipment characterized by limiting to the message of the addresser below the class of vocal quality data which are having the object read out continuously memorized, and performing reading raising of a received message when there are more addresser totals of all received messages in equipment according to claim 3 than the class of vocal quality data memorized by said vocal quality data storage means.

[Claim 5] The message-processing equipment characterized by to assign preferentially the vocal-quality data corresponding to that addresser when the message from an addresser which has further a correspondence relation storage means memorize the correspondence relation between the addresser when performing reading raising of a received message and the classification of vocal-quality data in the equipment of any one publication of claim 2-4, and is memorized by this correspondence relation storage means receives.

[Claim 6] It is message-processing equipment which there are a communication message which read out and has been sent to the target message from the outside in equipment according to claim 1, and a navigation guidance message relevant to a self-location, and is characterized by said message grouping means carrying out the group division of the message based on the exception of a communication message and a navigation guidance message.

[Claim 7] It is message-processing equipment characterized by assigning the tone quality from which said vocal quality control means is with a communication message and a navigation guidance message in equipment according to claim 6, and sex differs.

[Claim 8] An external information receiving means to receive the message sent from the outside, and a voice reading raising means to perform voice reading raising processing based on the message which received, A location detection means to detect a self-location, and a navigation guidance message output means to output the navigation guidance message relevant to a self-location, Message-processing equipment characterized by having an adjustment means by said voice reading raising means to adjust an output stage so that it may read out and a stage may differ from the output stage of said navigation

guidance message.
[Claim 9]

